Page 26, please replace the paragraph of lines 16-19, in Example 2, mid-page, with the following:

B2

Bst-II DNA polymerase was used for the study.

Template: pBluescript(+)

Forward Primer (SEQ ID NO:5): 5' GTAAAACGACGGCCAGT 3'

Reverse Primer (SEQ ID NO:6): 5' AACAGCTATGACCATG 3'

Page 28, please replace the paragraph of lines 1-14 with the following:

Four different sets of templates and primers were selected representing varying lengths of the DNA segments to be amplified:

Template A. pBluescript(+) 10 ng/ul

Forward Primer (SEQ ID NO: 5): 5' GTAAAACGACGGCCAGT 3'

Reverse Primer (SEQ ID NO: 6): 5' AACAGCTATGACCATG 3'

Template B. A Rice genome BAC DNA 10 ng/ ul

Forward Primer (SEQ ID NO: 7): 5' CTTAATTTAAGGTTCCGTG 3'

B3

Reverse Primer (SEQ ID NO: 8): 5' GCATTGGTAAGCAATGG 3'

Template C. A hybridization probe 50 ng/ul

Forward Primer (SEQ ID NO: 9): 5' ACAAAGCACTGAACCTG 3'

Reverse Primer (SEQ ID NO: 10): 5' TGGGACCTATCGTGTTG 3'

Template D. A subclone of BAC from rice genome 50 ng/ul

Forward Primer (SEQ ID NO: 11): 5' CGAATTCCTGCAGCC 3'

Reverse Primer (SEQ ID NO: 12): 5' GAACTAGTGGATCCCCC 3'

Page 30, replace the paragraph of lines 11-17 with the following :

The two pairs of primers used were:

B4

A: 17mer forward primer (SEQ ID NO: 13): 5'TAG CTA TCT AAC TTA AT3',

17mer reverse primer (SEQ ID NO: 14): 5'TTG TTT CTC TGA TGC AT3',

B: 30mer forward primer (SEQ ID NO: 15): 5'TAG CTA TCT AAC TTA ATT TAA GGT TCC GTG3',

30mer reverse primer (SEQ ID NO: 16): 5'TTG TTT CTC TGA TGC ATT GGT AAG CAA TGG3'.

Page 32, replace the paragraph of lines 17-22 with the following:

B5

Bst-II Cycle Sequencing Experiment

Bst-II was used as the DNA polymerase.

Template: bg08. This was a GC-rich segment of a subclone of rice genome BAC 129.

Primer (SEQ ID NO:17): 5'GAA TTG GAG CTC CAC CGC GG3'

Pre-mixed dye-ddNTPs: Optimized R6G-ddATP, ROX-ddCTP, TAMRA-ddUTP, and Bodipy F1-14-ddGTP, purchased from NEN™ Life Sciences Products.

Page 35, replace the paragraph of lines 4-7 with the following:

B6

Bst-II was the DNA polymerase used.

Template: A rice genome BAC DNA

Forward Primer (SEQ ID NO:7): 5' CTTAATTTAAGGTTCCGTG 3'

Reverse Primer (SEQ ID NO:8): 5' GCATTGGTAAGCAATGG 3'

Page 37, replace the paragraph of lines 4-9 with the following:

B7

Bst-II was used as the DNA polymerase.

Template: H525d9, a BAC of rice genome,

Forward primer (SEQ ID NO:18): 5' TTT CAG GGT CCC TTA TAT CTC 3',

Reverse primer (SEQ ID NO:19): 5'TCG CTT CTC CTC ATA ATC GAT 3'.

Pre-mixed dye-ddNTPs: Optimized R6G-ddATP, ROX-ddCTP, TAMRA-ddUTP, and Bodipy F1-14-ddGTP, purchased from NEN™ Life Sciences Products.